

EMMANUEL TAIWO

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SUMMARY

Results Driven Frontend Engineer with a proven track record in developing robust and scalable software solutions. Specialized expertise in JavaScript, Typescript, React.js, Next.js, and Backend Technologies. Demonstrated success in the financial and Edtech services industry, delivering innovative solutions that drive operational efficiency and enhance user experiences.

SKILLS

Javascript | Typescript | ReactJS | NextJS | Redux | NodeJS | ExpressJS | Jest | Cypress | Gatsby | GraphQL | Firebase | MongoDB | Unit Testing | Integration Testing | A/B Testing | End-to-End Testing | Tailwind CSS | SASS | Material UI | Styled Components | Git | Github | GitLab | AWS | CI/CD | Netlify | Vercel | Trello | Jira | Azure | Cloud Computing | Microservices | Docker | Kubernetes

EXPERIENCE

Frontend Engineer Bals University 2023

- Achieved a **90%** improvement in overall application performance by leading the team in enhancing user interface development using Next.js, TypeScript, Tailwind CSS, and React Query.
- Collaborated with DevOps teams to deploy applications using cloud platforms, such as AWS, ensuring high availability and scalability.
- Utilized Git for version control and collaboration with team members, contributing to a successful release of **2** major product updates
- Resolved frontend issues, resulting in a **65%** reduction in reported incidents and a notable improvement in the overall user experience.
- Conducted thorough testing and debugging to ensure high-quality code, resulting in a **0%** post-release bug rate
- Collaborated seamlessly with cross-functional teams, including project managers, UI/UX designers, and fellow developers, to integrate backend functionalities which resulted to an impressive **80%** increase in system efficiency and a significant improvement in user interactions, quantified through reduced server response times..
- Executed targeted UI enhancements, leading to an **80%** increase in conversion rates and a potential revenue uplift of **\$500,000**.

Frontend Engineer Boundless Digital Services 2023

- Developed and maintained dynamic component with **Next.js**, yielding an **65%** boost in user engagement, evidenced by increased interactions, extended platform usage, and a corresponding **75%** rise in user retention rates.
- Led code reviews and participated in team discussions, increasing overall code quality and adherence to best practices.
- Simplified the codebase, resulting in a **50%** decrease in server response time and a **20%** improvement in overall site performance
- Conducted testing and debugging to ensure high-quality code, resulting in a **5%** post-release bug rate
- Implemented web performance optimization techniques, reducing page load times by **70%** and enhancing user satisfaction.
- Engineered responsive web interfaces, decreasing user-reported display issues by **50%** and positively impacting user satisfaction.

PROJECT

SpendSense - Finance Management Tool August 2023 - September 2023

- Developed and maintained a robust financial management tool using **Next.js**, **TypeScript**, **Material-UI**, **Redux**, **Tailwind CSS**, **Firestore**, and **Firebase**.
- Implemented a comprehensive testing strategy, including **unit testing**, **integration testing**, and **end-to-end testing**, ensuring the reliability and accuracy of critical functionalities and transactions within the tool.
- Implemented a secure user authentication system, leading to an **80%** increase in user sign-ups and improved user trust.
- Designed a compelling dashboard interface, contributing to a **75%** increase in user engagement and **60%** more time spent on the platform daily.
- Integrated a highly customizable chart library, resulting in a **90%** surge in user interactions with analytics features.
- The tool's user experience and interface enhancements led to a measurable **70%** improvement in system stability and responsiveness, offering users a reliable and seamless tool for effective financial management.
- Resolved the need for in-depth financial insights by providing a feature-rich analytics dashboard, resulting in **80%** increase of user signups.

EDUCATION

National Open University Of Nigeria (Lagos, Nigeria) September 2023 - October 2027

- BSc Computer Science